

Claims

1. Coated plant seed, **characterised** in comprising a seed which is coated with a water and oil containing coating composition in the form of an emulsion or an emulsion suspension, which coating composition comprises a mixture of a plant nutrient and a fixing agent.
2. Coated seed as defined in claim 1, **characterised** in that the coating composition contains
 - a) 40-70% by weight of a plant nutrient containing a phosphate salt,
 - b) 0.5-15% by weight of oil
 - c) 0.1-15% by weight of W/O surface-active agent
 - d) 10-45% by weight of water,
 - e) 0-25% by weight of sugar and
 - f) 0-10% by weight of pH regulating agent.
3. Coated seed as defined in claim 1 or 2, **characterised** in that the coating composition contains
 - a) 50-60% by weight of a plant nutrient containing a phosphate salt,
 - b) 1-10% by weight of oil
 - c) 0.5-10% by weight of W/O surface-active agent
 - d) 15-40% by weight of water,
 - e) 0.5-25% by weight of sugar and
 - f) 0-10% by weight of pH regulating agent.
4. Coated seed as defined in any of claims 1 to 3, **characterised** in that the pH of the coating composition is in the range 4 to 7.
5. Coated seed as defined in any of claims 1 to 4, **characterised** in that the coating composition contains 10 to 20% by weight of sugar.
6. Coated seed as defined in any of claims 1 to 5, **characterised** in that the viscosity of the coating composition is not more than 10,000 mPas, preferably not more than 3,000 mPas, under the coating conditions in question.
7. Coated seed as defined in any of claims 1 to 6, **characterised** in that it contains 0.5-25% by weight of the coating composition relative to the weight of the seed.

8. Coated seed as defined in any of claims 1 to 7, **characterised** in that it contains 1-15% by weight of the coating composition relative to the weight of the seed.
9. Use of a water and oil containing coating composition in the form of an emulsion or an emulsion suspension, which coating composition comprises a mixture of a plant nutrient and a fixing agent, for coating a plant seed.
10. A method for coating seeds, **characterised** in that
 - a) seeds to be coated are subjected in an equipment suitable for a seed treatment, and
 - b) a water and oil containing coating composition in the form of an emulsion or an emulsion suspension, which coating composition comprises a mixture of a plant nutrient and a fixing agent, is added to form a coating on the seed surface.